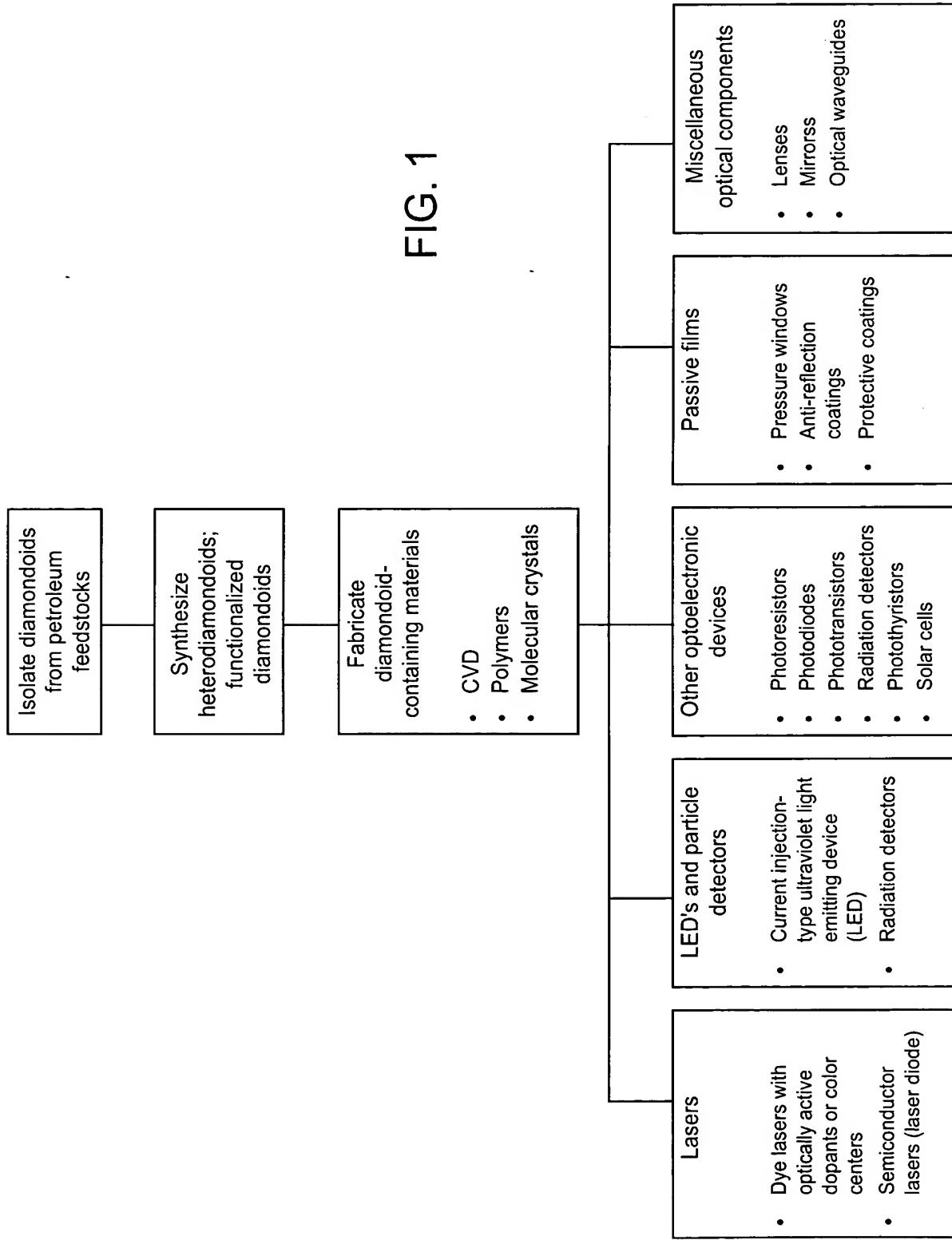




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FIG. 1



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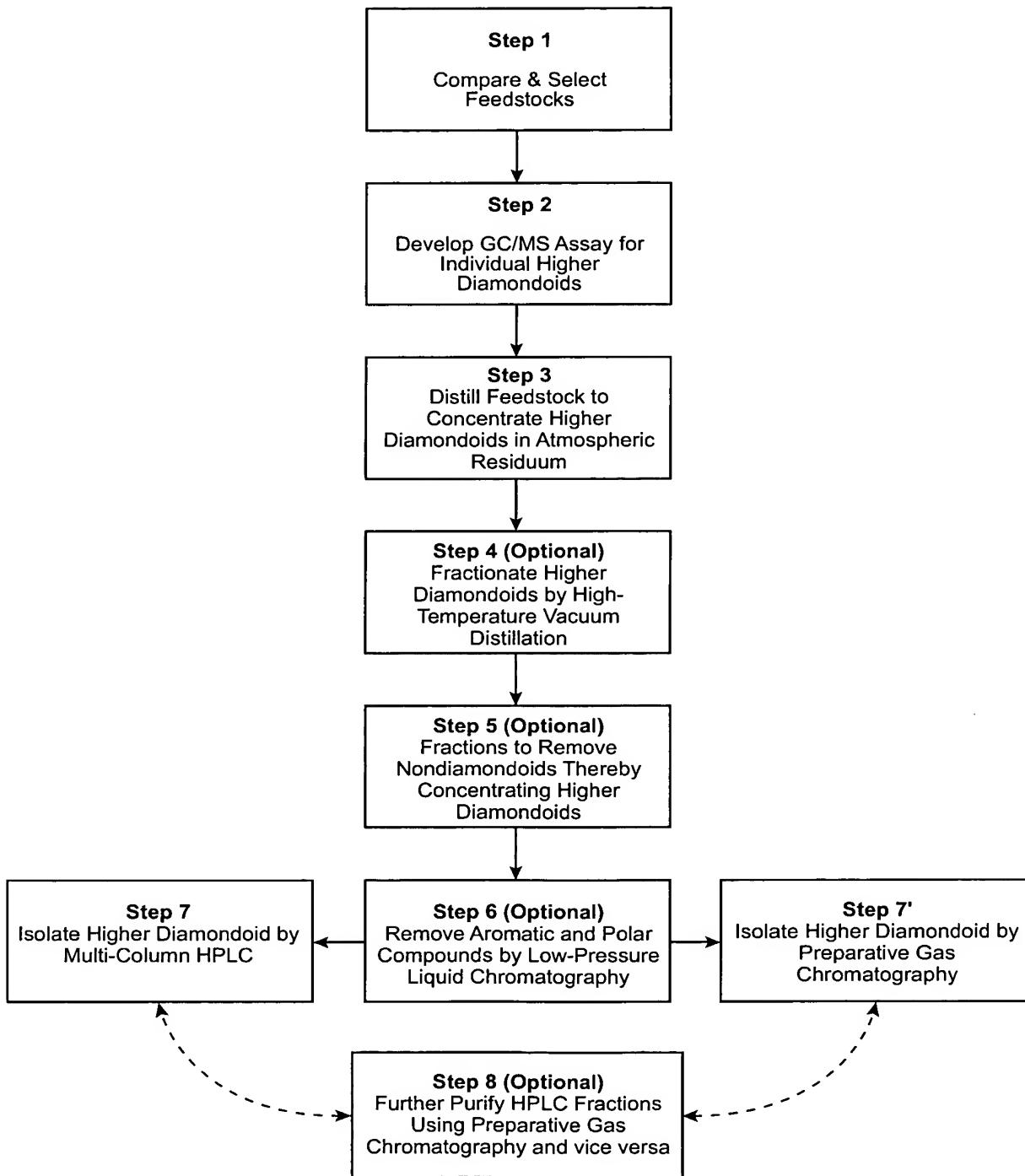


FIG. 2

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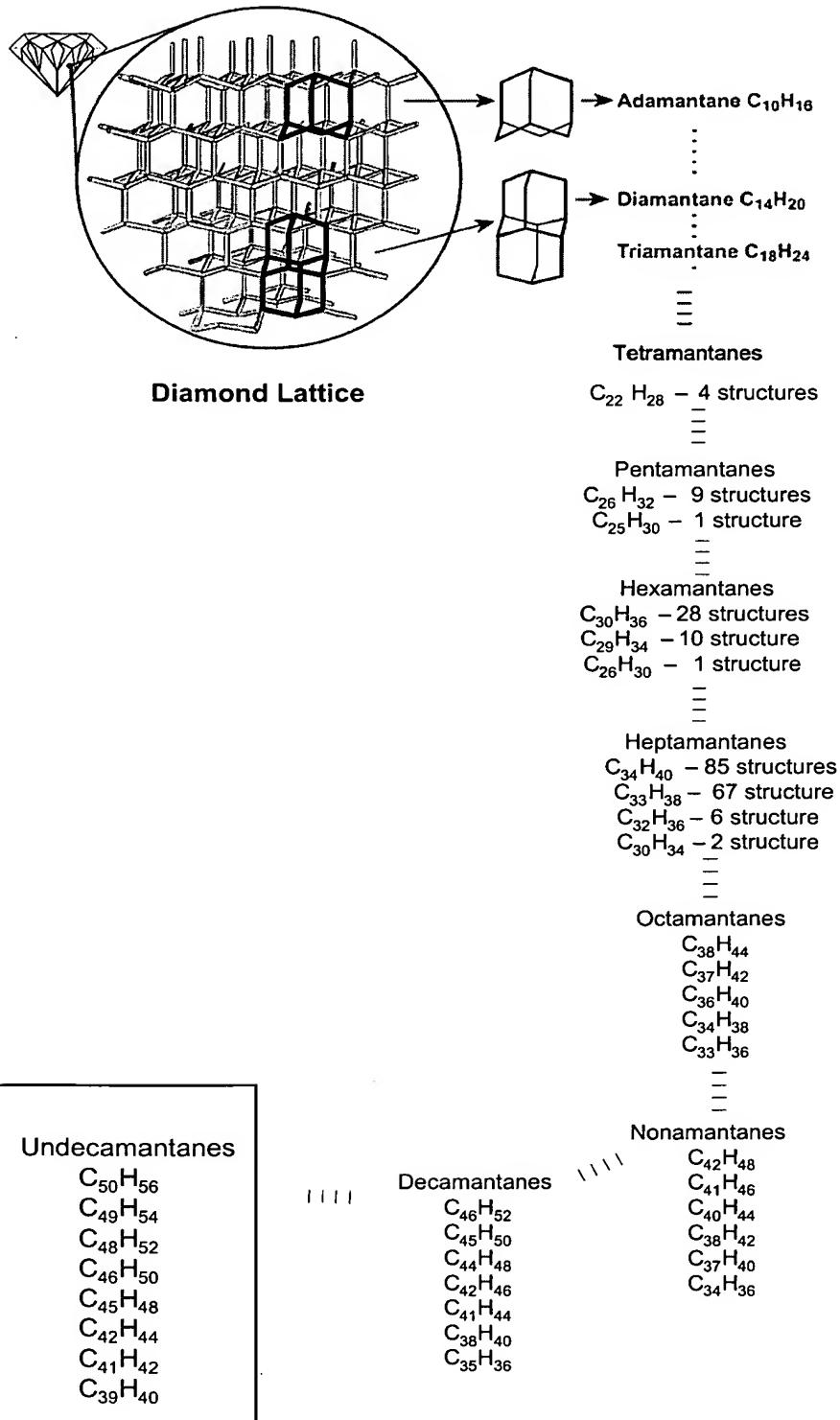


FIG. 3

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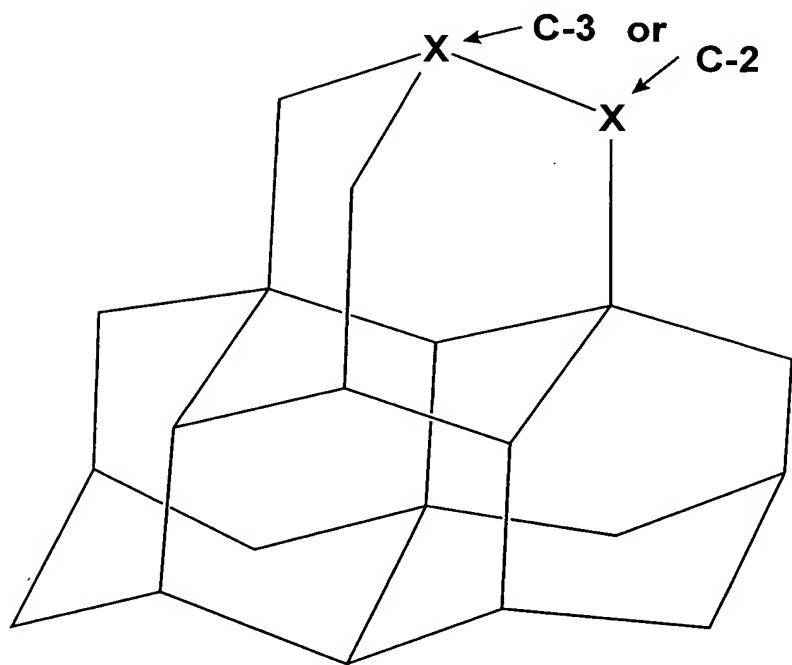


FIG. 4

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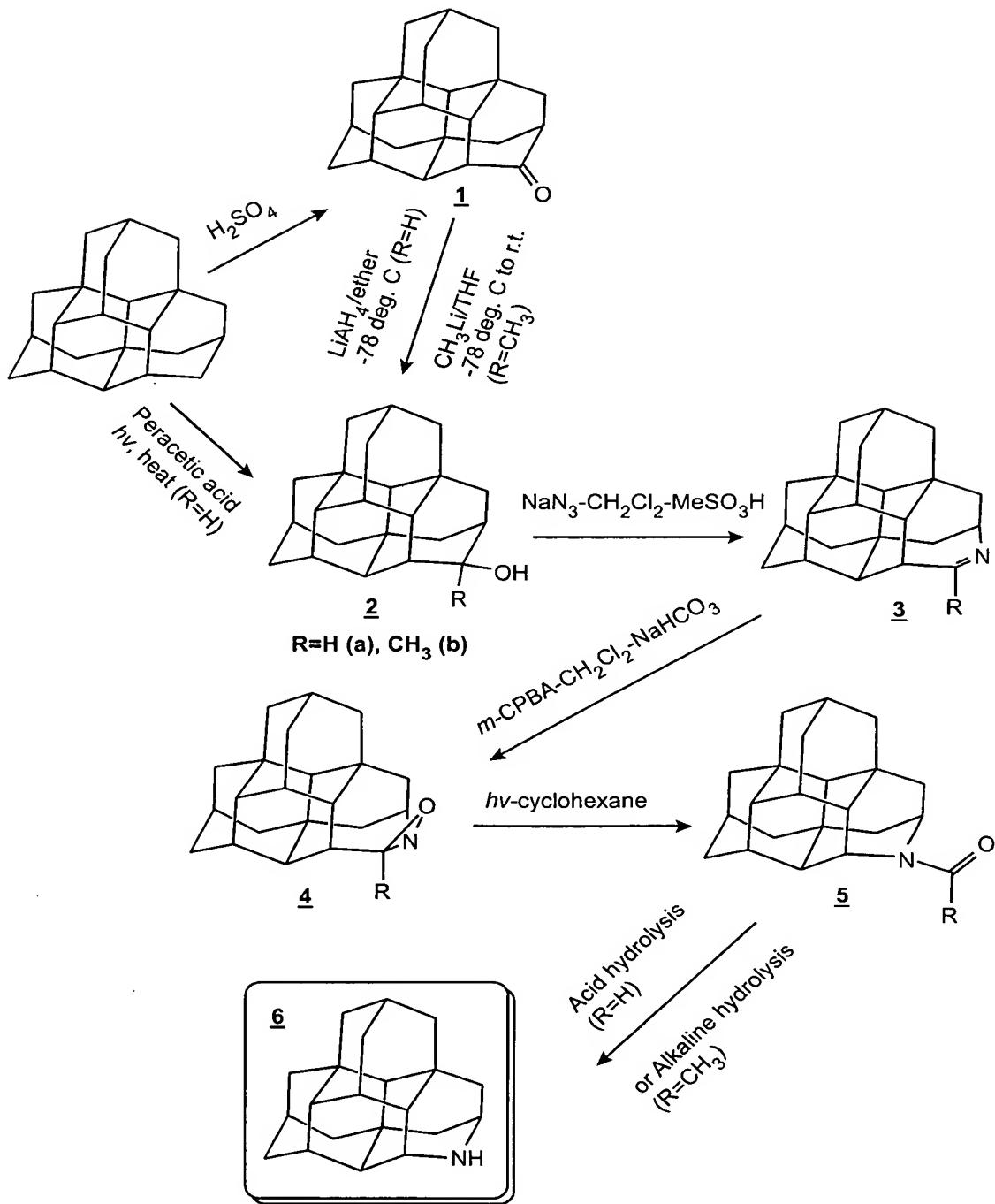


FIG. 5A

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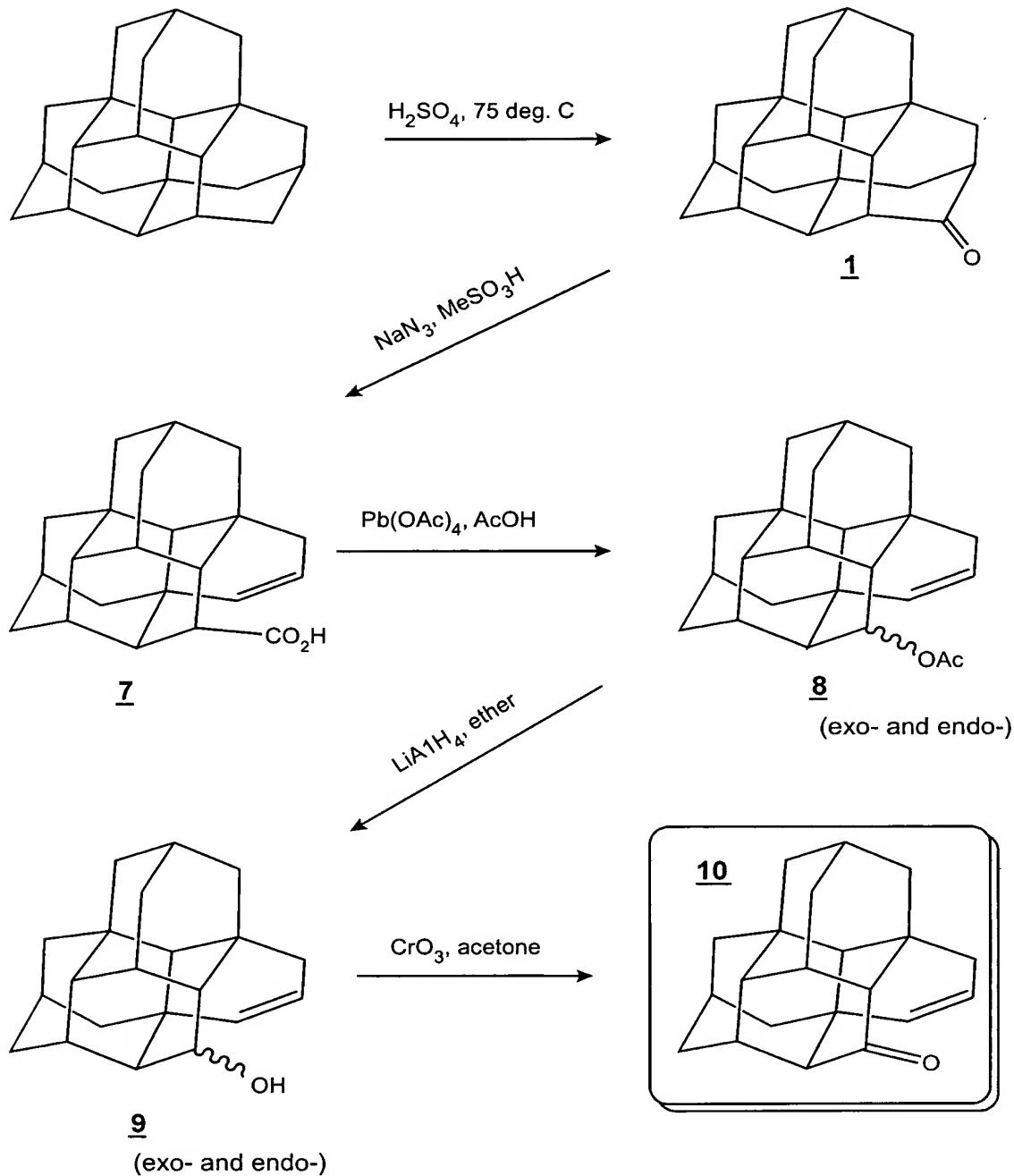


FIG. 5B

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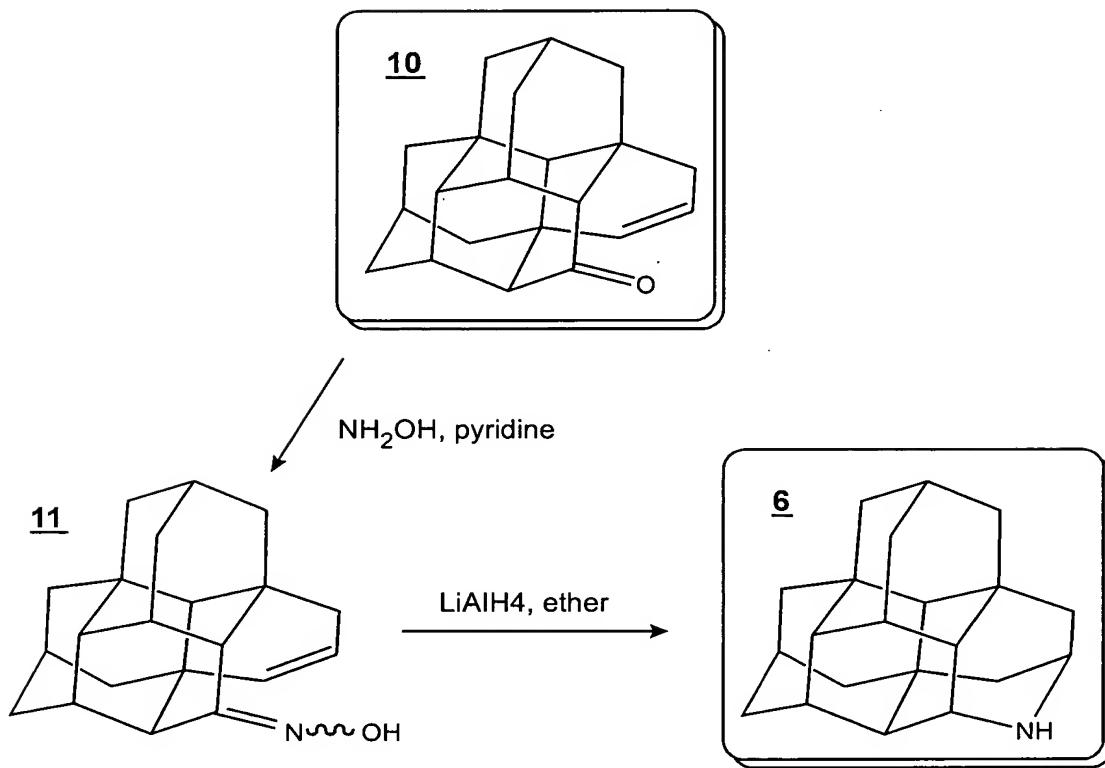


FIG. 5B (cont.)

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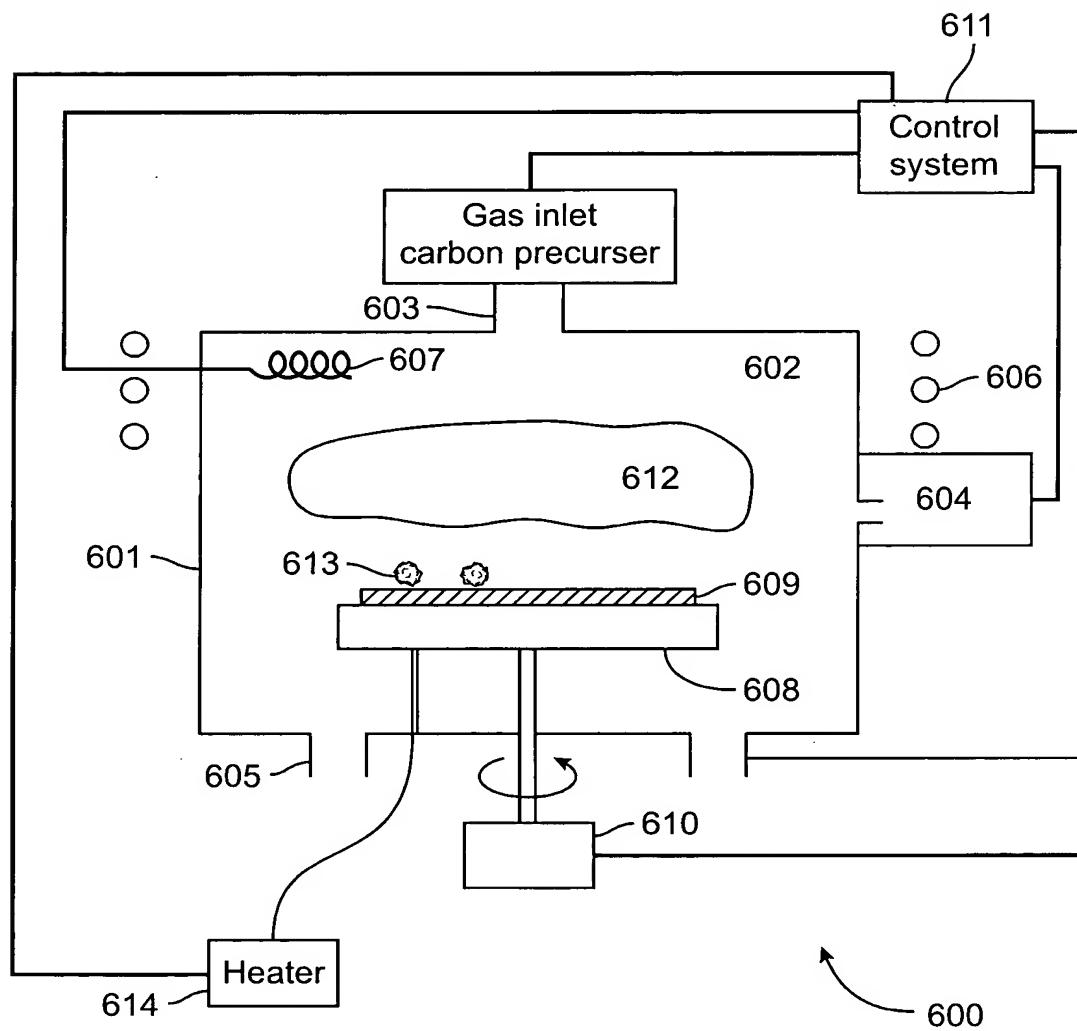


FIG. 6

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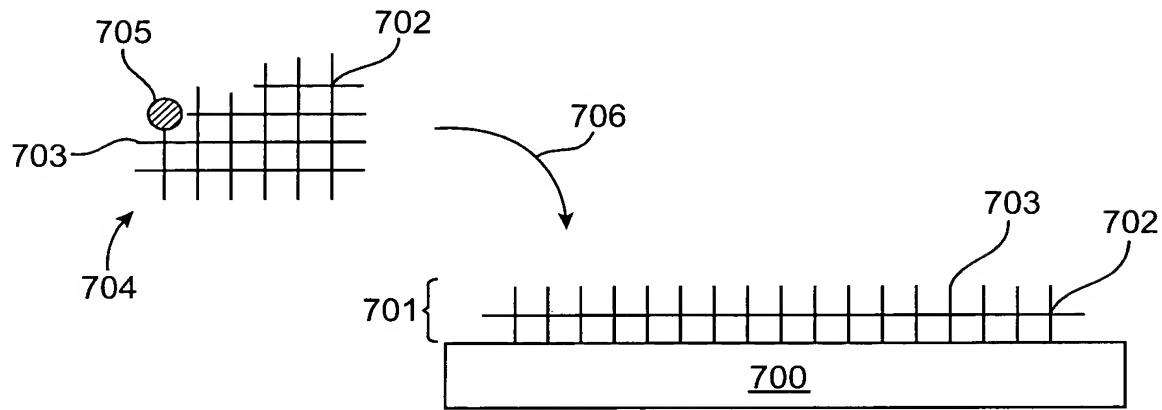


FIG. 7A

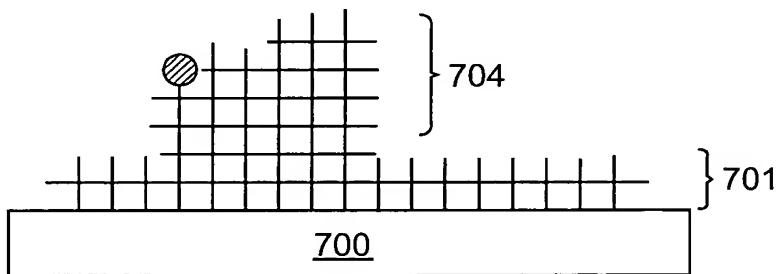


FIG. 7B

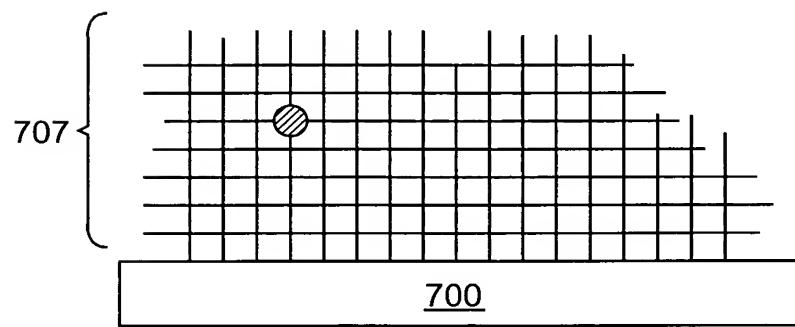


FIG. 7C

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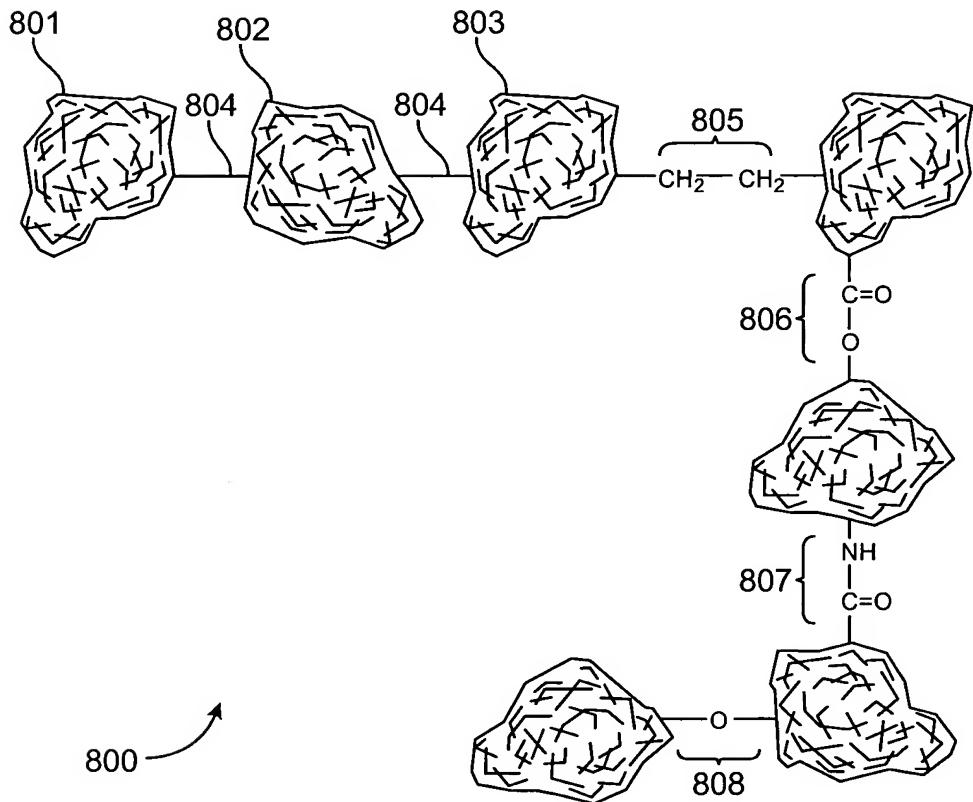


FIG. 8A

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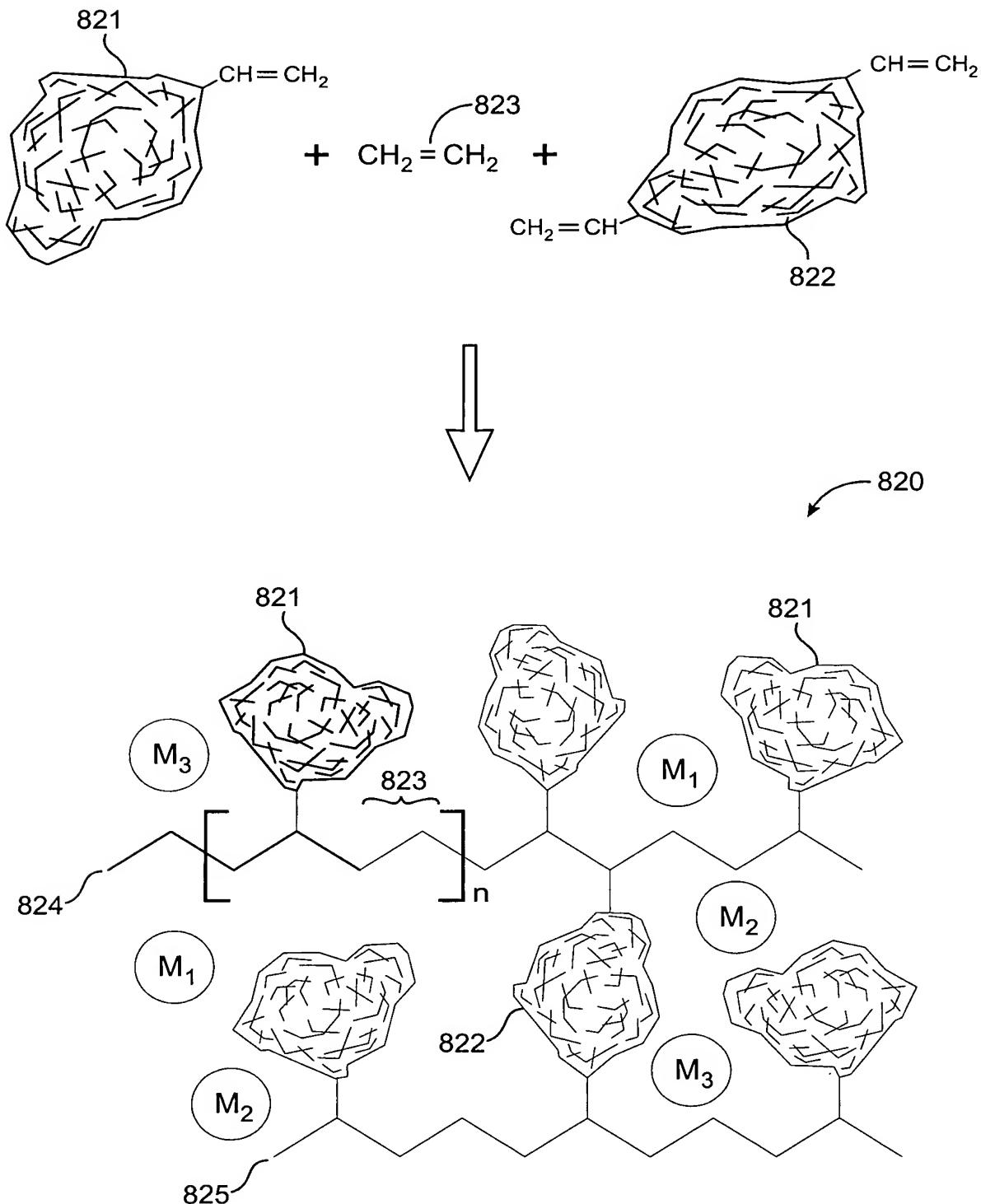


FIG. 8B

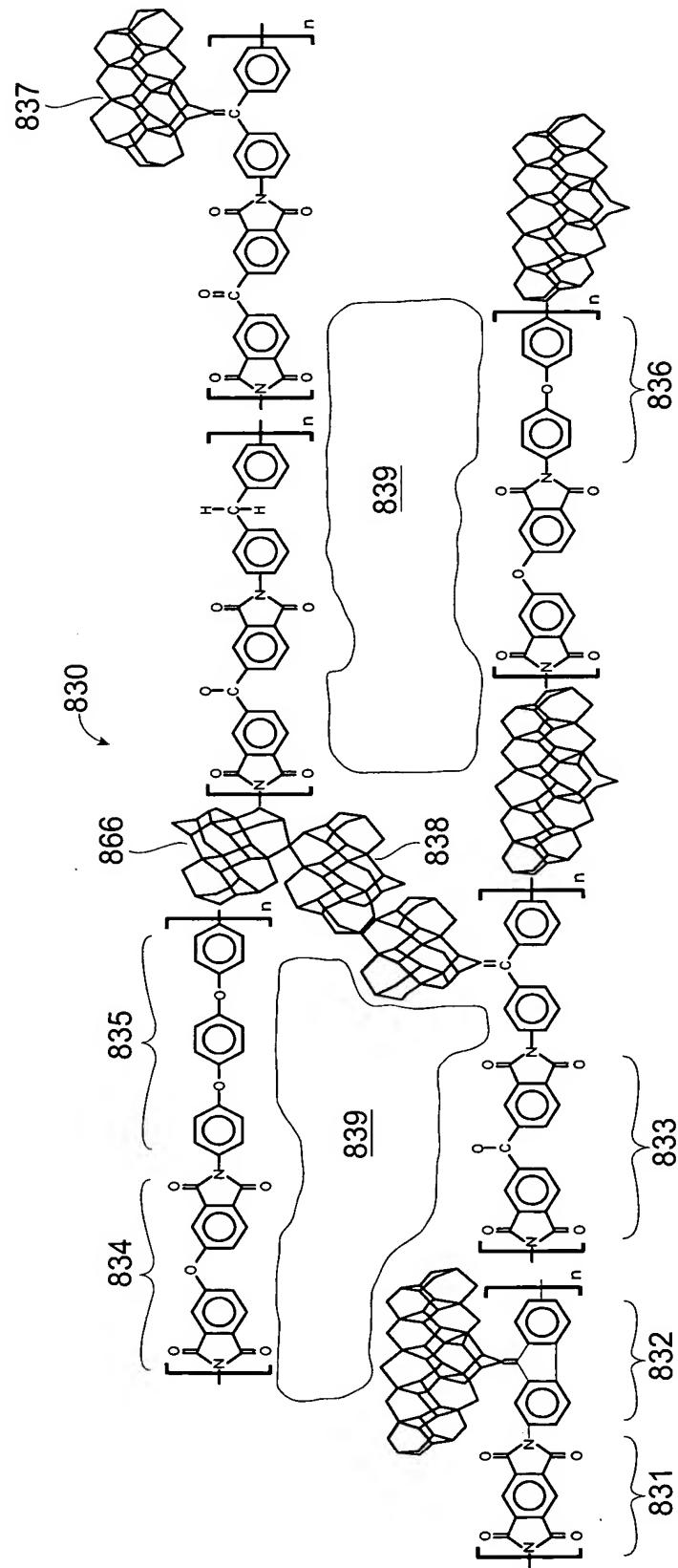


FIG. 8C

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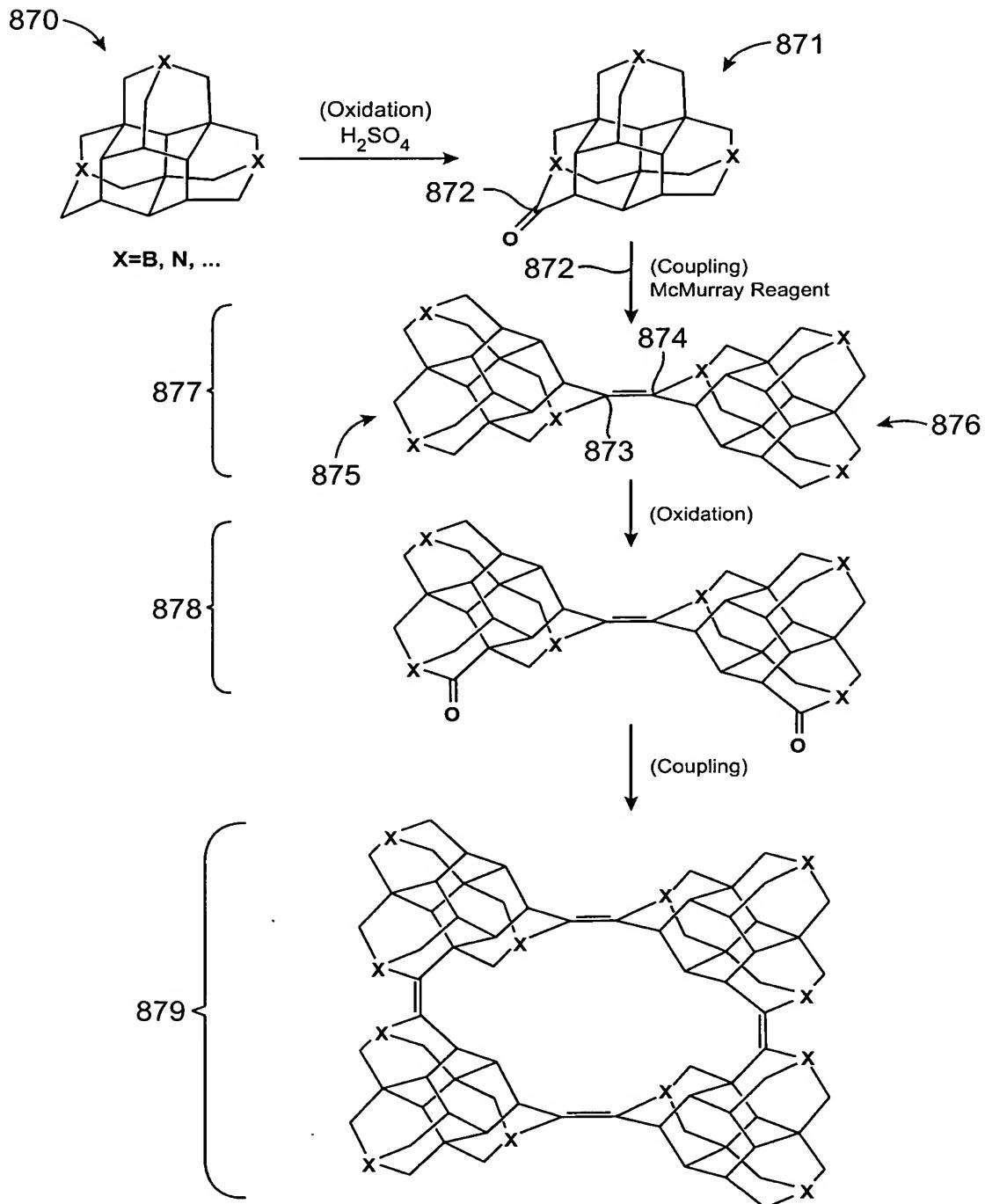
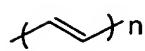
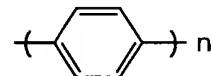


FIG. 8D

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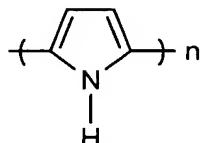
POLYACETYLENE



POLYPARAPHEMYLENE

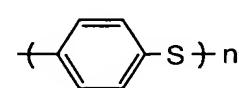
FIG. 9A

FIG. 9B



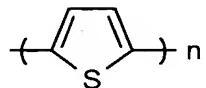
POLYPYRROLE

FIG. 9C



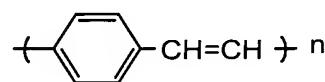
POLYPARAPHEMYLENE
SULPHIDE

FIG. 9D



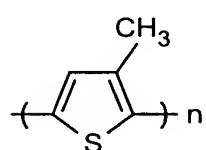
POLYTHIOPHENE

FIG. 9E



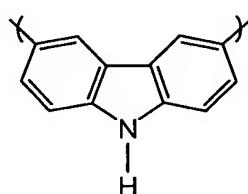
POLYPARAPHEMYLENE
VINYLENE

FIG. 9F



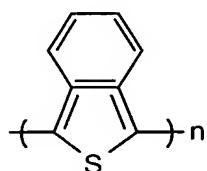
POLY-3 METHYL
THIOPHENE

FIG. 9G



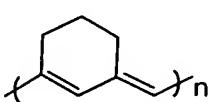
POLYCARBAZOLE

FIG. 9H



POLYISOTHIANAPHENE

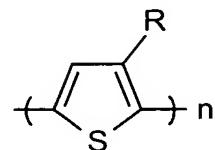
FIG. 9I



POLY(1,6-HEPTADIYNE)

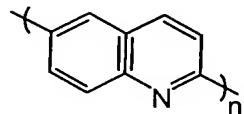
FIG. 9J

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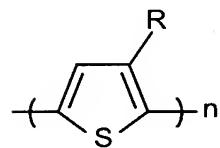
POLY-3 ALKYLTHIOPHENE

FIG. 9K



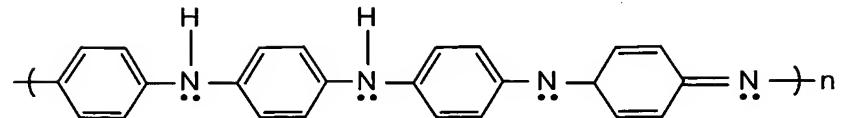
POLYQUINOLINE

FIG. 9L



POLY-3 ALKYL SULFONATE

FIG. 9M



POLYANILINE

FIG. 9N

+

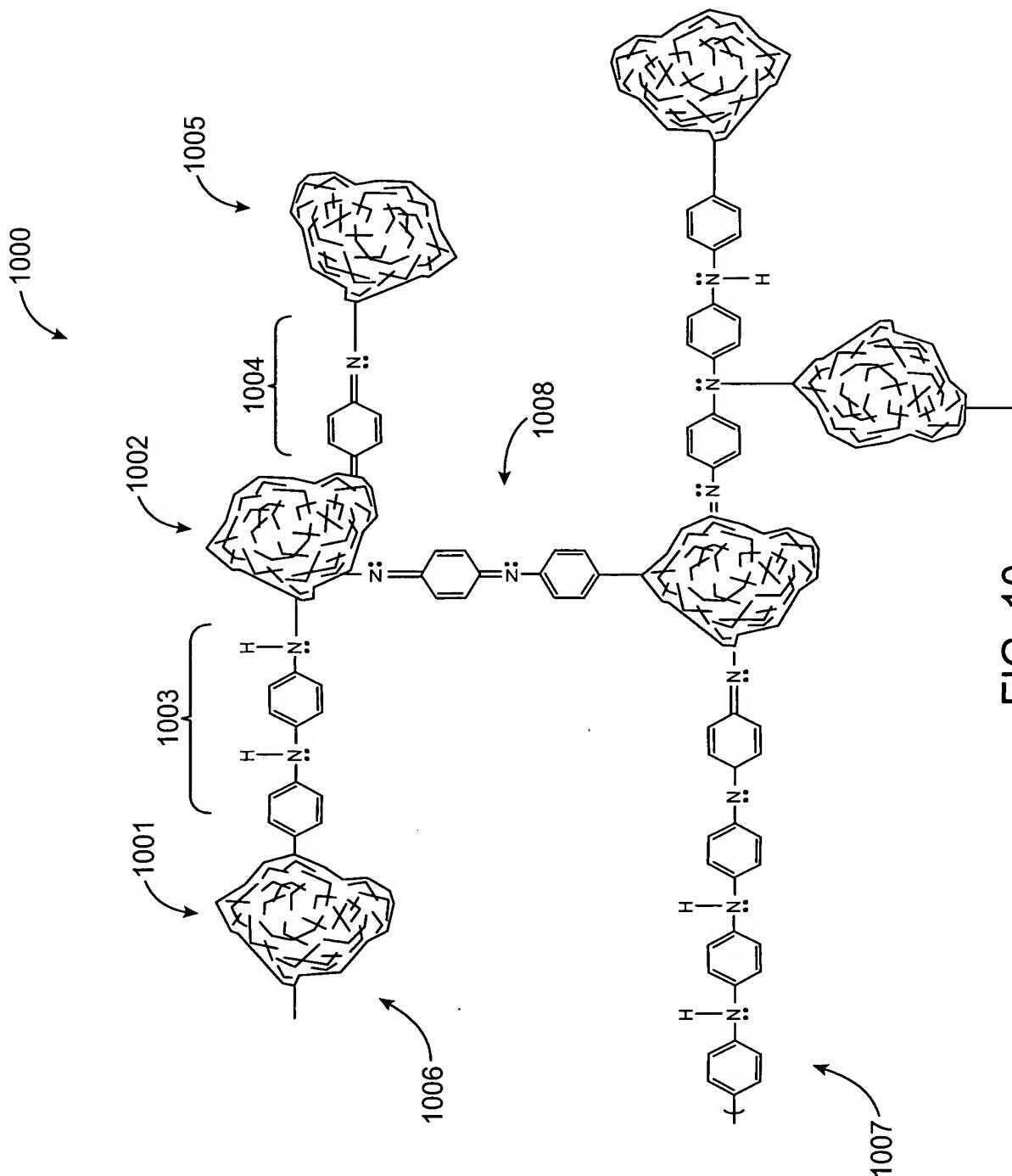


FIG. 10

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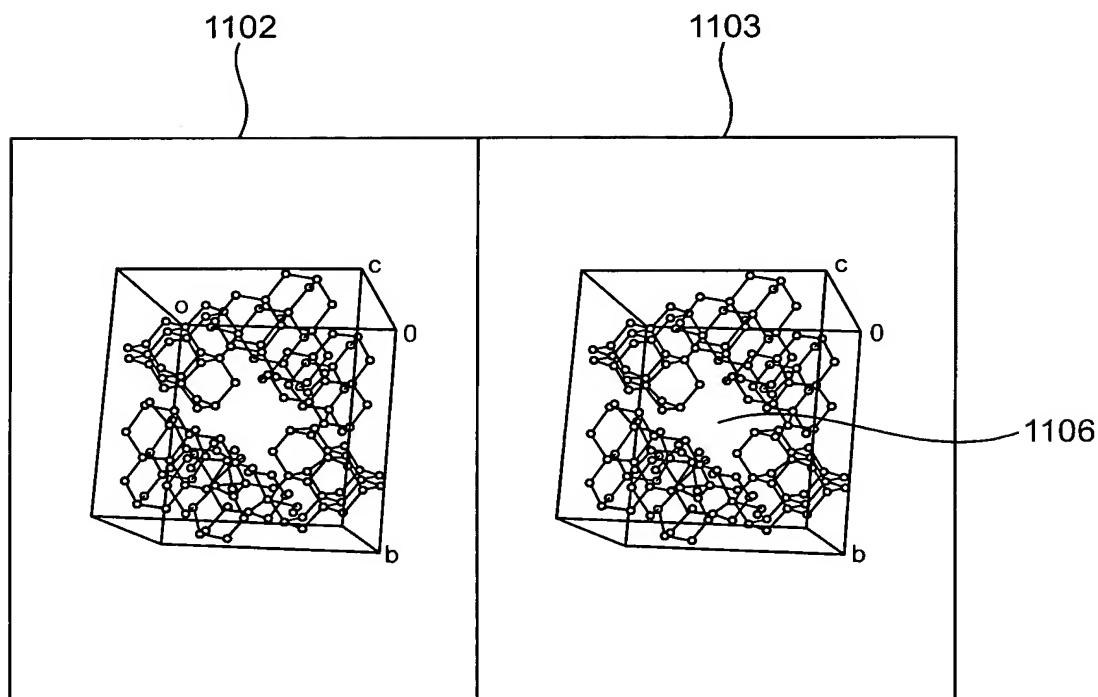


FIG. 11

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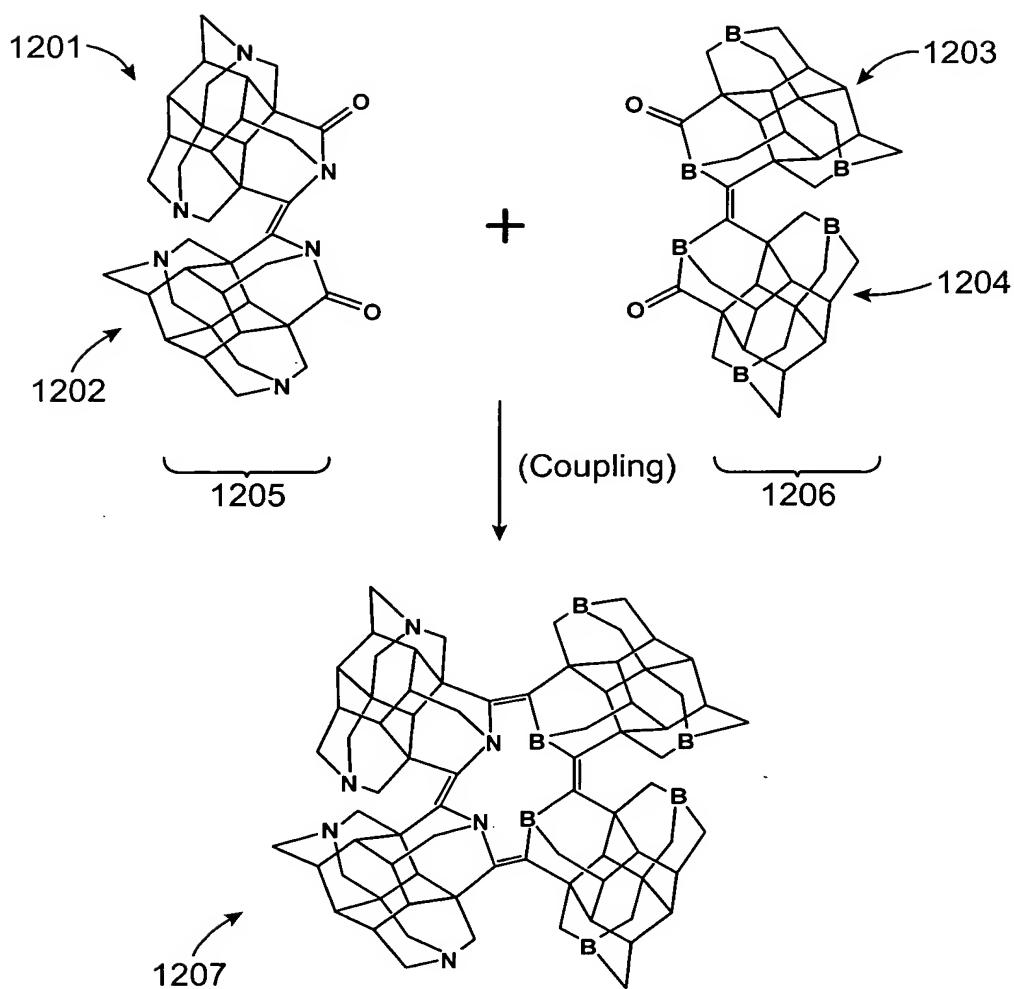


FIG. 12

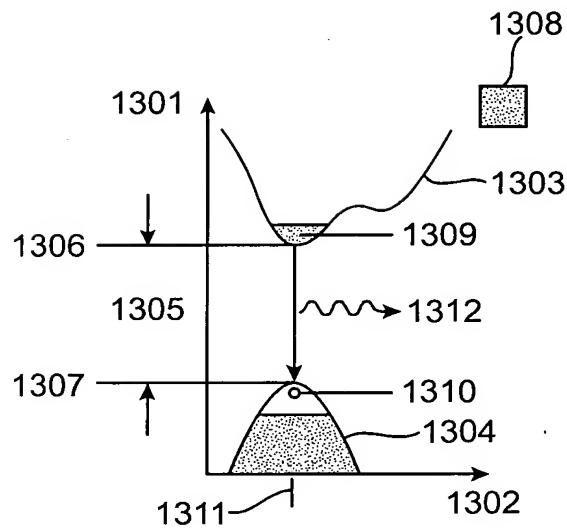


FIG. 13A

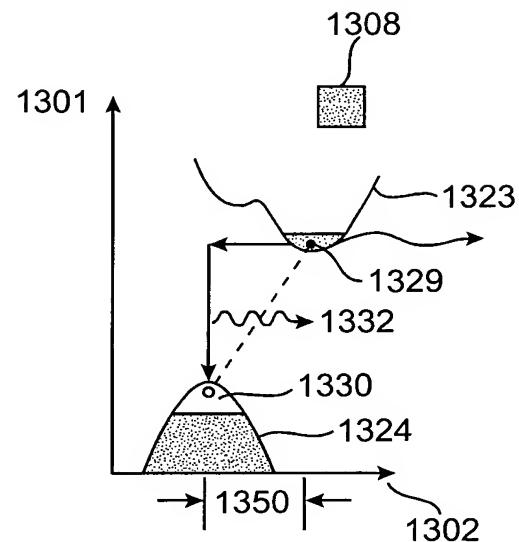


FIG. 13B

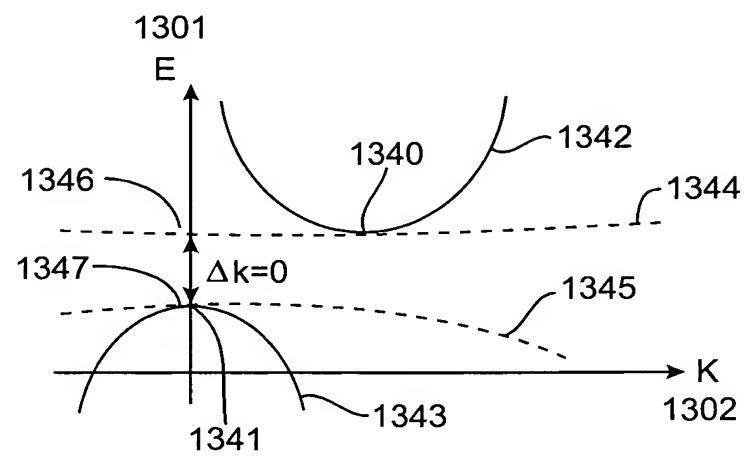


FIG. 13C

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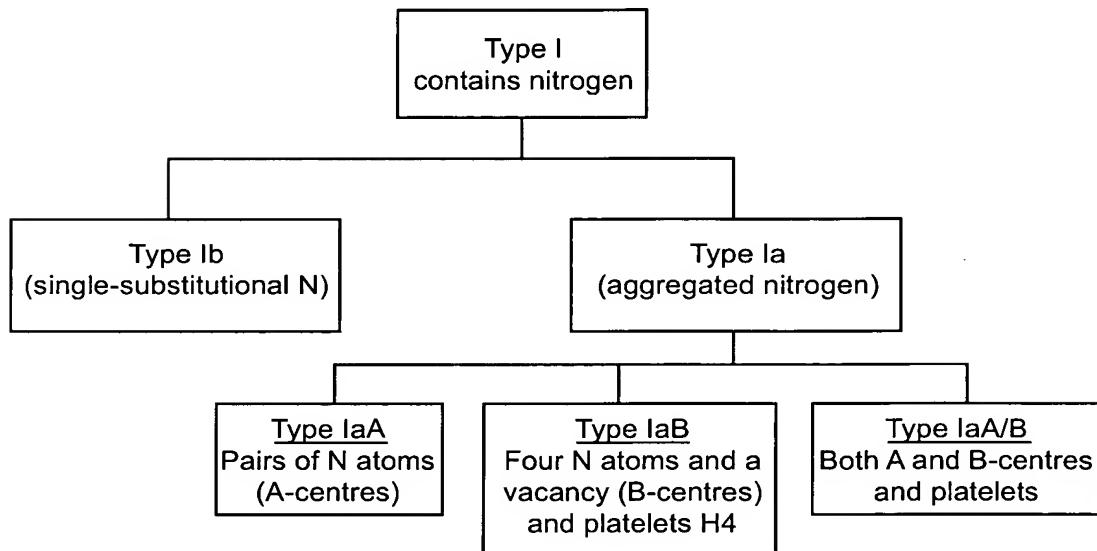


FIG. 14A

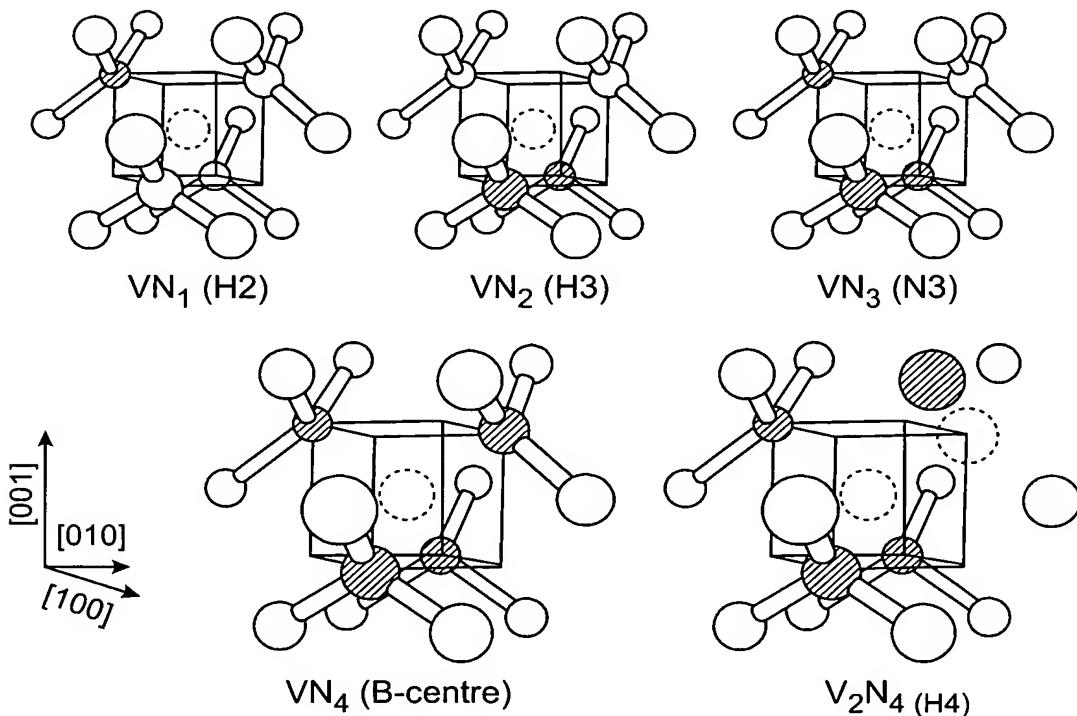


FIG. 14B

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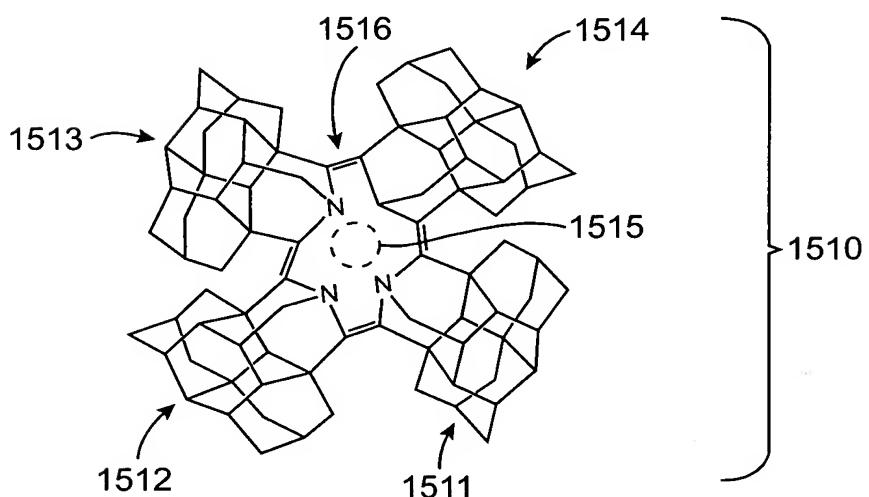
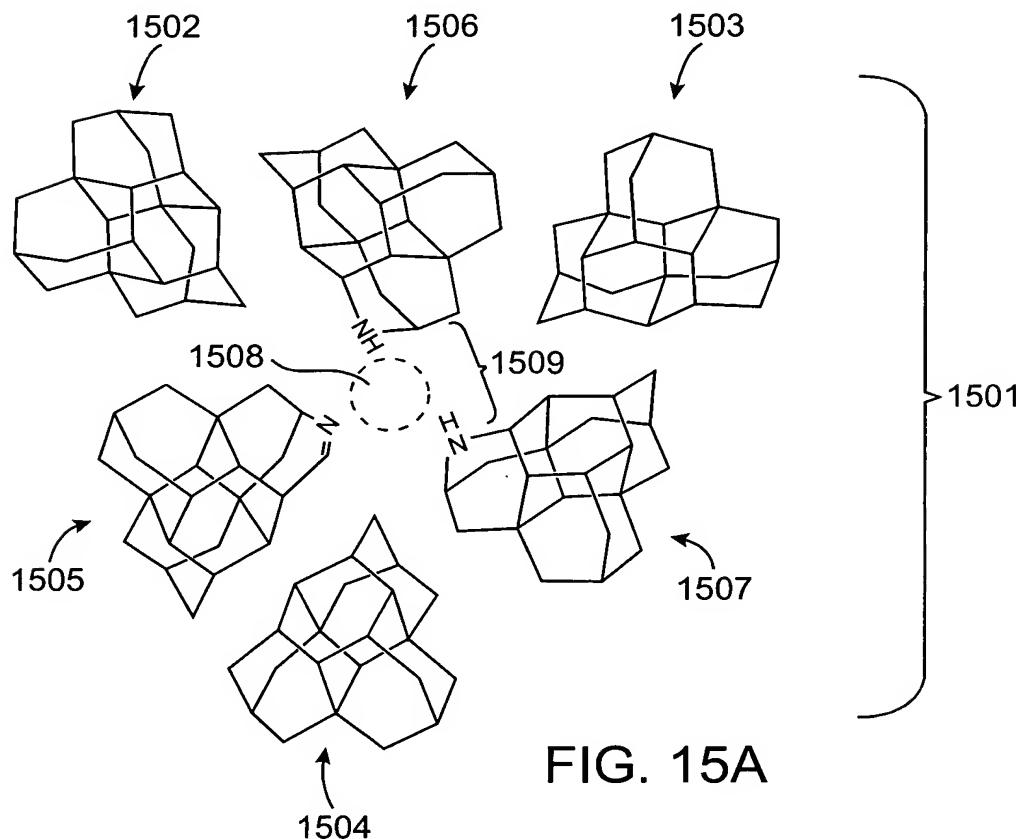


FIG. 15B

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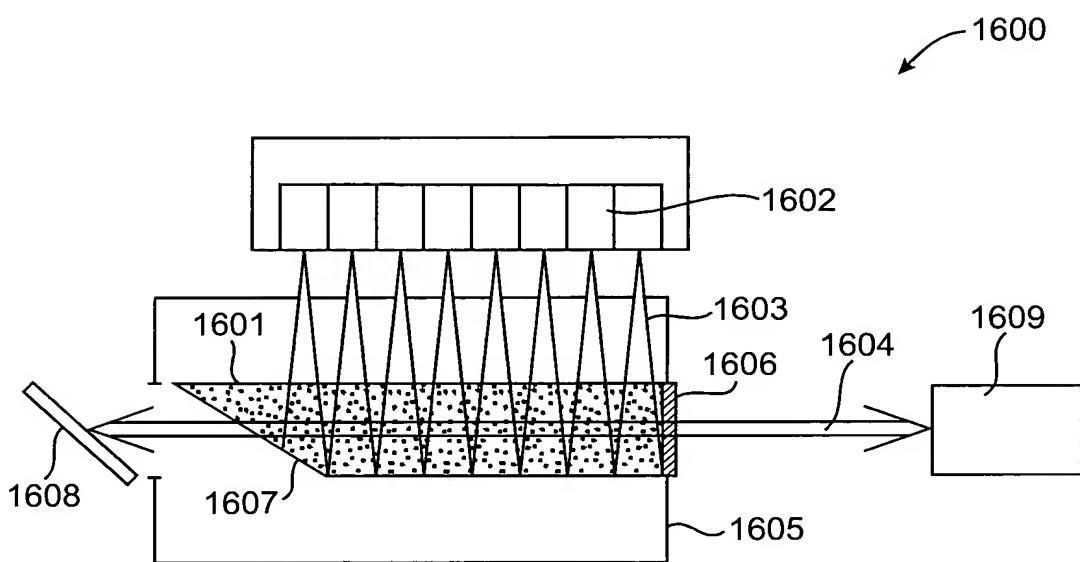


FIG. 16

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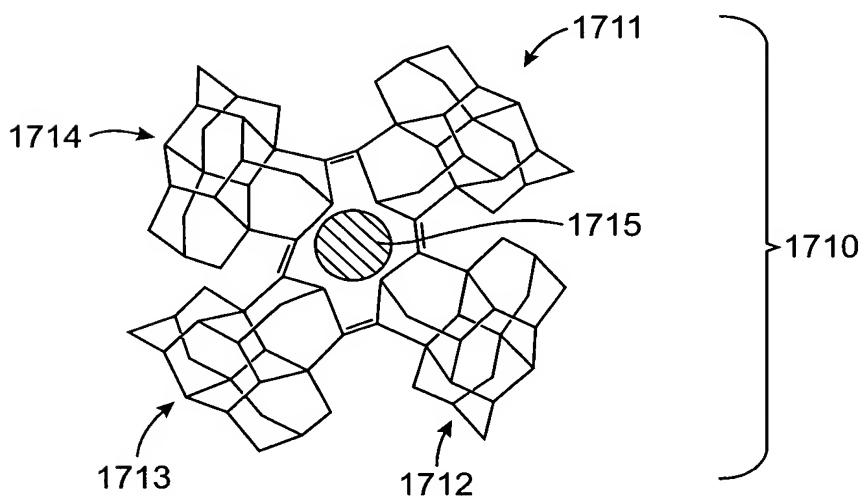
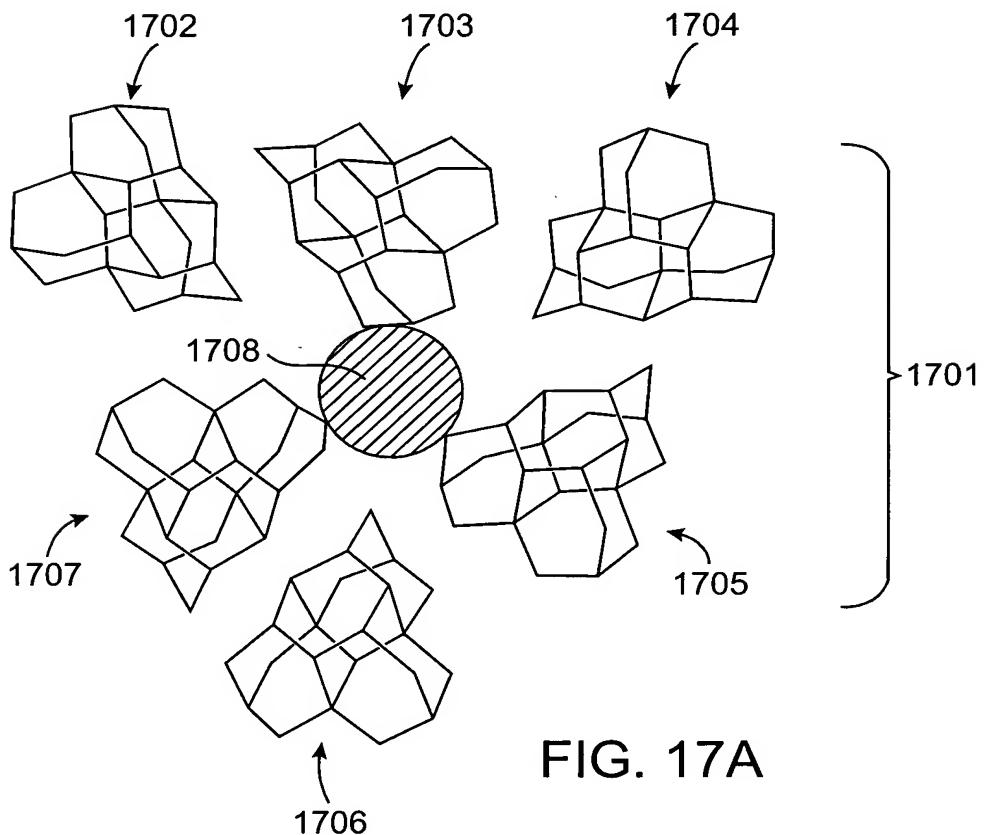


FIG. 17B

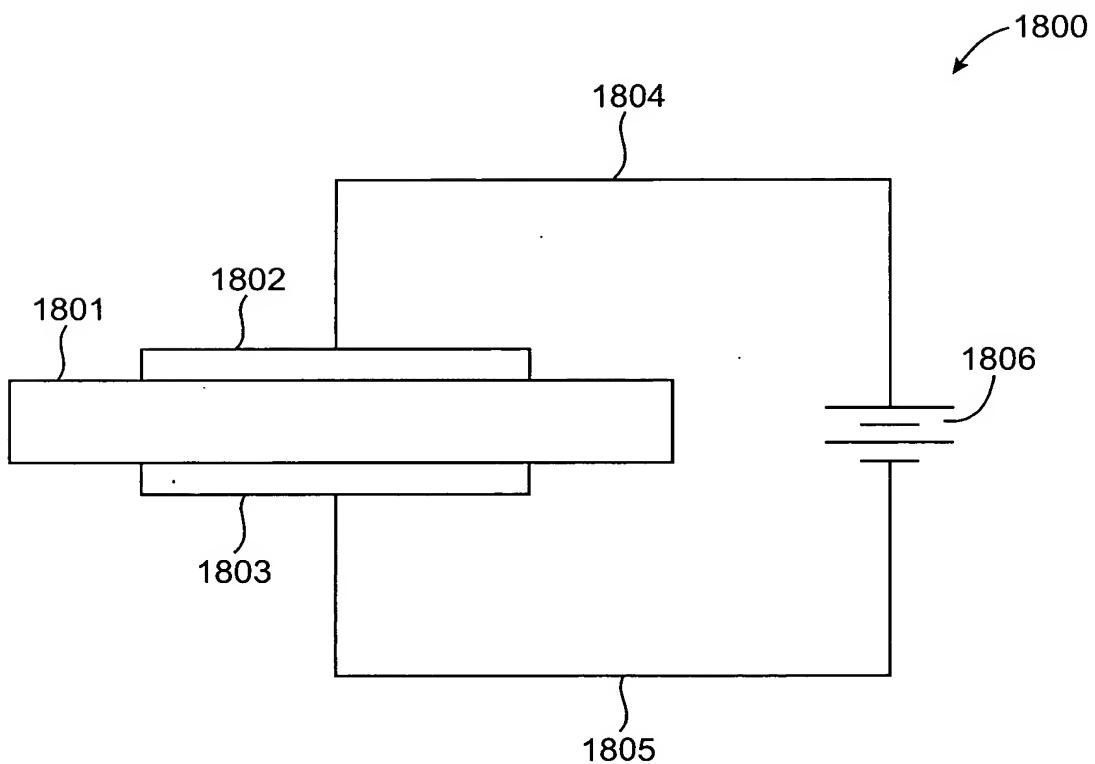


FIG. 18

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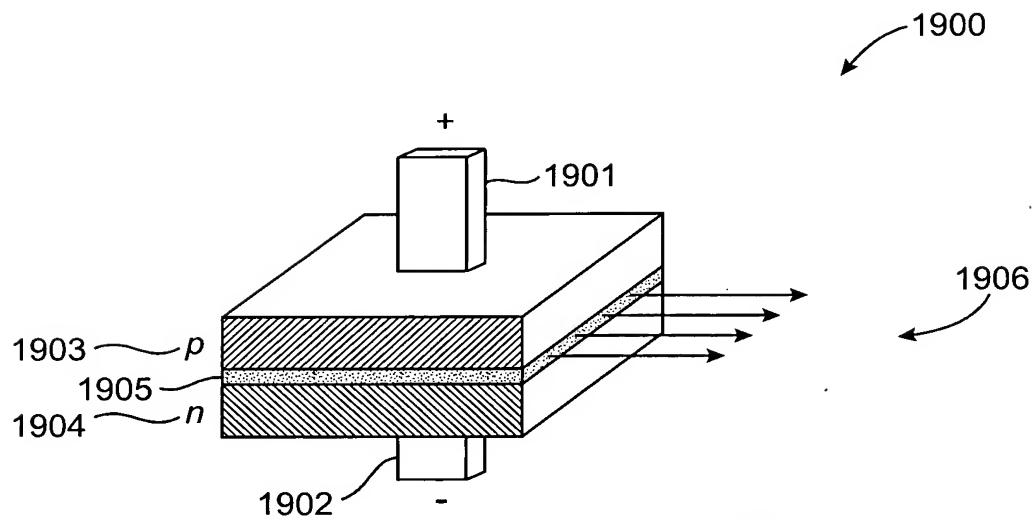


FIG. 19A

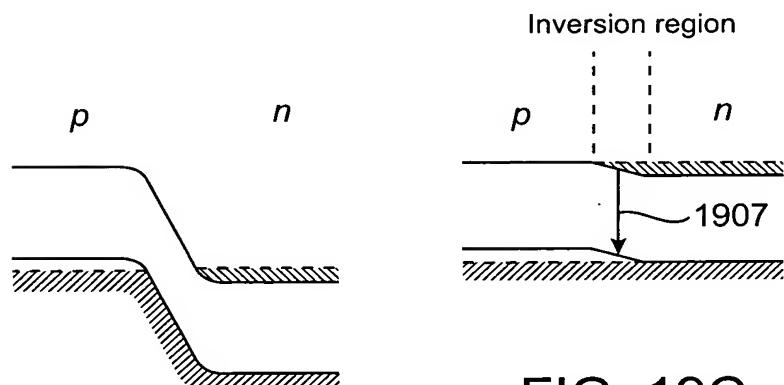


FIG. 19B

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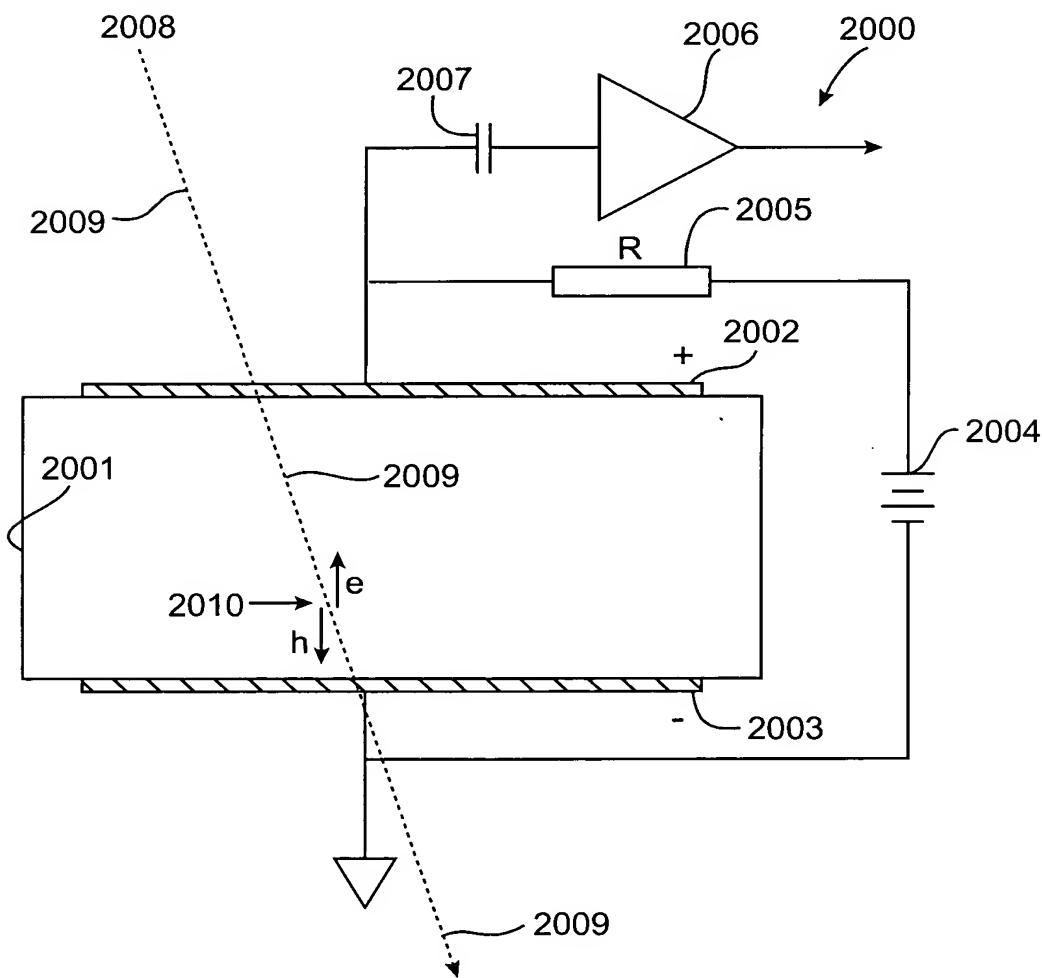


FIG. 20A

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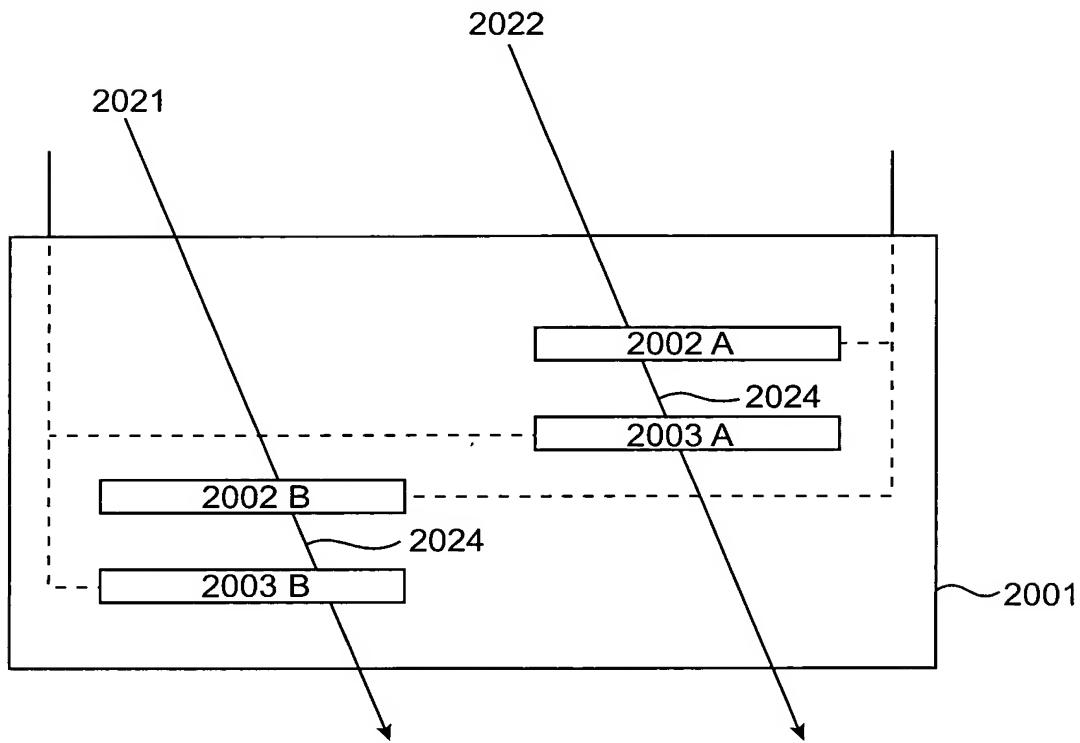


FIG. 20B

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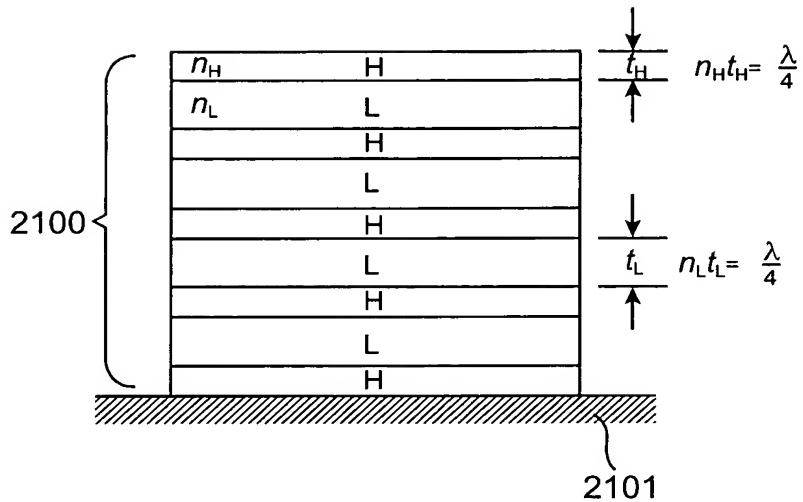


FIG. 21A

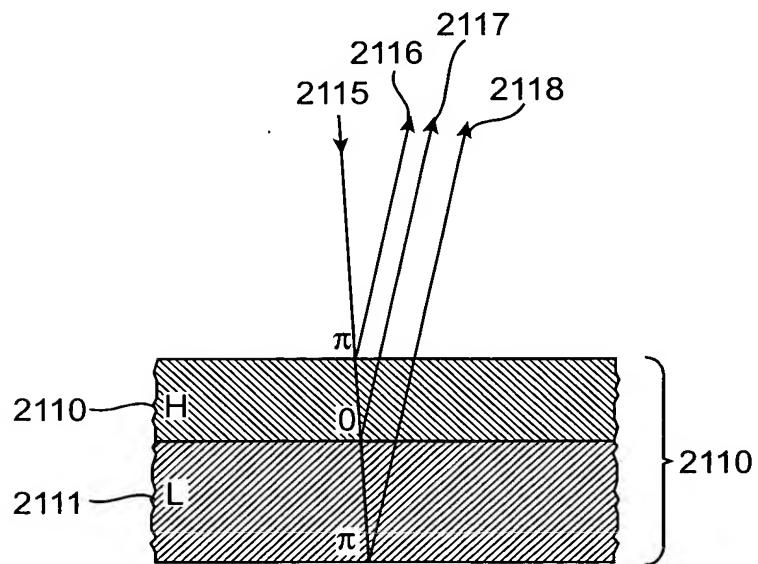


FIG. 21B